

CAREERS IN AVIATION

WHO WE ARE

The South African Civil Aviation Authority is an entity of the Department of Transport responsible for:

- Improving the safety and security of the civil aviation industry by:
 - ✓ Developing aviation laws in line with international standards
 - ✓ Enforcing them through inspections
 - ✓ Promoting the laws to encourage compliance
- Providing qualification standards for licenced aviation personnel such as pilots
- Oversight of Aviation Training Schools

WHY A CAREER IN AVIATION?

Aviation is a vast field which includes careers in piloting, various trades in engineering and mechanics, airport operations and the manufacturing of aircraft.

Those with a love and strong background in mathematics, physical science and engineering will fare very well in this field due to the technical nature of most of the jobs. Although the majority of opportunities require a foundation in STEM related subjects, one can still launch a successful career in Aviation such as in aviation law, aviation safety & security, environmental management etc.

Aviation is an exciting field which opens doors to work anywhere in the world, with great opportunities for growth.

BURSARY OPPORTUNITIES

The SACAA offers bursaries to future aviators in the areas of piloting, aeronautical engineering and maintenance engineering.

For bursary information and enquiries please visit our website www.caa.co.za or email: bursaryapplications@caa.co.za

Follow our social media pages to get updates when bursary applications open.

CONTACT US

- ✓ Website www.caa.co.za
- ✓ Switchboard: +27 11 545 1000
- ✓ WhatsApp: 060 851 1389
- ✓ Email: mail@caa.co.za

AERONAUTICAL ENGINEER

Develops, designs, and tests aircraft, missiles, satellites and the related systems of flight vehicles.

REQUIREMENTS

- Matric/Grade 12
- Qualification with Level 5 on: Pure Mathematics; Physical Science; English

WHERE CAN I STUDY

- University of the Witwatersrand

AIRCRAFT MAINTENANCE ENGINEER

Diagnoses, maintains, replaces or overhauls aircraft engines.

REQUIREMENTS

- Matric/Grade 12
- Qualification with Level 4 on: Pure Mathematics; Physical Science; English

WHERE CAN I STUDY

- SAA Technical School
- Denel Technical Academy
- Paramount Technical Training Academy
- South African Air Force

PILOT (REMOTELY PILOTED AIRCRAFT SYSTEMS)

Operates a remotely piloted aircraft (RPAS/drone). Some popular uses for drones are aerial surveillance, filmmaking, land surveying and disaster relief to inaccessible places.

REQUIREMENTS

- Must be at least 18 years

WHERE CAN I STUDY

- Flight Training Schools

PILOT (FIXED WING OR HELICOPTER)

Flies aircraft, transports passengers and cargo across the country and around the world. They are responsible for the safety of the aircraft, passengers, the crew and cargo on board.

REQUIREMENTS

- Minimum requirements for the SACAA Bursary
- Matric/Grade 12
 - Qualification with Level 5 on: Pure Mathematics; Physical Science; English

WHERE CAN I STUDY

- Flight Training Schools

CABIN CREW

Checks passengers' names and destinations, enforces safety rules, serves food, oversees passengers' comfort, and directs emergency evacuation procedures.

REQUIREMENTS

- Matric/Grade 12
- Qualification with Level 4 on: English
- Must be at least 18 years
- The minimum height required is dependent on the specific airline.

WHERE CAN I STUDY

- Cabin Crew Schools

AIR TRAFFIC CONTROLLER

Responsibilities include, tower control, which handles all aircraft movements, approach control which monitors aircraft traffic. They also provide information and advisory services like weather, routes, altitude and speed.

REQUIREMENTS

- Matric/Grade 12
- Qualification with Level 4 on: Pure Mathematics; English
- Must be at least 18 years

WHERE CAN I STUDY

- Air Traffic & Navigation Services